bcs03-2008.st25 seqlist.txt
SEQUENCE LISTING

<110> Commonwealth Scientific and Industrial Research Organisation

      Bayer BioScience NV

      Waterhouse, Peter

      Whyard, Steven

      Van Rie, Jeroen

<120> Insect resistance using inhibition of gene expression

<130> BCS03-2008 WO1

<150> US 60/520,306

<151> 2003-11-17

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 27

<212> DNA

<213> artificial

<220>

<223> designed degenerate primer

<400> 1
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<221>   misc_feature

<223>   n at 20 is c, g, a or t

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<211>   20

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<220>

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<211>   279
<212>   DNA
<213>   Aphis gossypii


<400>   5
aaaacagaag aagaggtaaa aatgagaatg aaacagaaaa gcgtgagttg gtgttcaaag      60

aagatggaca agaatatgct caagttacca aaatgttggg aaatggacgt ctagaagcaa     120

tgtgttttga tggtgtaaga cgactttgtc acattcgagg aaaacttagg aaaaaggtgt     180

ggatcaatca agctgacata gtattgatag gcttacgtga atatcaagat acaaaagccg     240

atgtaatttt gaaatacacc ccagacgaag ccagaaacc                           279


<210>   6
<211>   279
<212>   DNA
<213>   Myzus persicae


<400>   6
aaaacagaag aagaggtaaa aacgaaaatg aaaccgagaa gcgtgaattg gtgttcaaag      60

aagatggcca agaatatgct caagttacca aaatgttggg aaatggacgt ctagaagcta     120

tgtgctttga tggtgttaaa cgactttgcc acatacgagg aaaacttagg aaaaaggtat     180

ggattaatca agctgatata gtattaatag gtttacgtga ataccaagac acaaaagccg     240

atgtaatttt gaaatacaca ccagacgaag ccagaaacc                           279


<210>   7
<211>   638
<212>   DNA
<213>   Aphis gossypii


<220>

<221>   misc_feature

<223>   n at 591, 592 and 637 is a, c, g or t
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<400> 7

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cccacgtaca cgaacctcaa ccggctgatc gggcagatcg tgtcgttccc atcacgggcg       120

tcgctgcggt tcgacggcgc gctgaacgtc gacctgaccg agttccagac gaacctggtg       180

ccgtacccgc gcattcactt cccgctggcc acgtacgcgc cggtcatatc ggccgagaag       240

gcgtaccacg agcagctgtc cgtggccgaa atcaacccaa cgcgtgcttc gaaccggcca       300

aaccagaatg ggtcaagatg cgacccgcgg cacggcaagt acatgggcct gctgcaatgc       360

tgtaaccgcg gcgacgtcgt gcccaaggac atgaacgcgg ccatcgccac catcaagacc       420

aagaggacca tcgtgtacgt cgactggtgc ccgaccgggt tcaaggtggg catctactac       480

cagccgccga ccgtggtgcc gggggcgatc tggccaaggt gcagcgggcg gtgtgcatgt       540

tgtccaacac gacggccatc tccgaggcgt gggcccggct cgaccacaag nntgacctga       600

tgtacgctga cacgcgcgtc cgtccactgg tacgtang                               638
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<210> 8

<211> 628

<212> DNA

<213> Myzus persicae

<220>

<221> misc_feature

<223> n at 3, 113, 128, 137, 509, 615, 617, and 627 is a, c, g, or t

<400> 8

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tgtcttcnat cacagcntct ctccgtttcg atggtgccct caatgttgac ttgactgaat       180

tccagaccaa tttggtccca taccccgta ttcatttccc attggtcact tatgcaccag        240

tcatctccgc tgaaaaggct taccatgaac aattgtccgt atcagaaatc actaacgctt       300

gttttgaacc agccaaccaa atggtgaaat gtgatccacg tcatggcaaa tacatggctt       360

gttgcatgtt gtaccgtggt gatgttgtac ccaaagacgt caacgctgcc attgcttcca       420
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tcaagaccaa gagaacattc agtttgttga ctggtgtcca actggtttca aagttgggta      480

tcaactacca accccaacc gtggtaccng gtgtgacttg gtctaaagta caacgtgctg       540

tctgcatgtt gtccaacact acagctattg ctgaagcttg ggtctaggtt tggtaccaca      600

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<210> 9

<211> 30

<212> DNA

<213> artificial

<220>

<223> designed primer sequence

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<210> 10

<211> 30

<212> DNA

<213> artificial

<220>

<223> designed primer sequence

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cccaagctta tcctggaaat agacaagtcg                                        30
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<210> 11

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<212> DNA

<213> Myzus persicae


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tacatgaggc ggaagtgcca ggagtgccgg ctgaaaaaat gcctgaccgt cggcatgagg      180

cctgaatgtg ttgtacctga agttcaatgc gcagtaaaaa gaaaggagaa aaaagctcaa      240

cgagaaaaag ataaaccaaa ttctactaca gacatttctc ctgaaataat aaaaatagaa      300

cctacagaga tgaagattga atgtggtgaa ccaatgataa tgggcacacc tatgccgact      360

gtaccttacg tgaaaccttt gagttctgaa caaaaagaac tgatccac                  408
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<210> 12

<211> 1173

<212> DNA

<213> Myzus persicae

<220>

<221> misc_feature

<223> n at 704 is c, g, a, or t

<400> 12

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gacttggatg atgcagaaaa aatattagag aaaattgata tattgcattt ggaattcgct      120

aagagagcag ctcctttcaa caactggttg gatggtacac gtgaagattt agtggacatg      180

ttcattgtac acactgttga ggaaatccaa ggattgattg atgcacatgg acaatttaag      240

gctactttgt ctgatgctga caaagagtac aactctatca ttggactggt caaagatgtt      300

gagtcaactg tacaaaaata ccaaatacct ggtggtcttc agaacccgta cactactttg      360

acttctagtg atttaagcaa aaaatggtct gaagtgaaac atttagtgcc ccaaagagac      420

acgaccctcc aagctgaact cagaaaacaa caaaacaatg agatgctacg tcgtcaattt      480

gcggagaagt caaatcaagt gggtccttgg attgagaggc aaatggacgc tgtcacggcc      540

atcggtatgg gattgcaggt tctctggaag atcaattgca ccaactgaaa caatttaggg      600

ctactttgtc tgatgctgac aagagtacaa ctctatcatt ggactggtca agatgttgag      660

tcaactgtac aaaaatacca aatacctggt ggtcttcaga accngtacac tactttgact      720

tctagtgatt taagcaaaaa atggtctgaa gtgaaacatt tagtgcccca aagagacacg      780

accctccaag ctgaactcag aaaacaacaa aacaatgaga tgctacgtcg tcaatttgcg      840
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gagaagtcaa atcaagtggg tccttggatt gagaggcaaa tggacgctgt cacggccatc      900

ggtatgggat tgcaaggttc tctggaagat caattgcacc aactgaaaca atacgaacag      960

aatgtgtttg catacaagcc acatattgag gaattagaga aaatccacca agctgtacaa     1020

gagggtatga tcttcgaaaa caggtatact caatacacaa tggagacatt acgtgttgga     1080

tgggaacaac tattgacgtc cataaatcgc aatgtgaatg aagtagaaaa ccaaatattg     1140

accagagact ccaaaggcat cacccaggag cag                                  1173
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